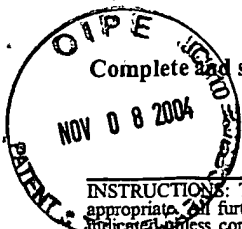


11-09-04

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

08/23/2004

DAVID E. HUANG
CHAPIN & HUANG L L C
1700 WEST PARK DRIVE
WESTBOROUGH OFFICE PARK
WESTBOROUGH, MA 01581

11/10/2004 DEMMANU2 00000025 09479511

01 FC:1501

1370.00 OP

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/479,511	01/07/2000	QINGMING MA	CIS99-1268	3139

TITLE OF INVENTION: METHODS AND APPARATUS FOR MOVING DATA ELEMENTS WITHIN A DATA COMMUNICATIONS DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330 1370	\$0	\$1330 1370	11/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
JAROENCHONWANIT, BUNJOB	2143	709-250000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 Chapin & Huang, LLC
 2 David E. Huang, Esq.
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Cisco Technology, Inc.

San Jose, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
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4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0901 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

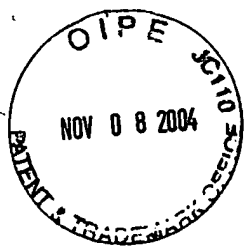
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date November 8, 2004Typed or printed name David E. Huang, Esq.Registration No. 39,229

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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DATE OF NOTICE OF ALLOWABILITY: August 23, 2004

ATTORNEY DOCKET NO.: CIS99-1268

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Qingming Ma, Saravanan Agasaveeran, and Satish Gannu
Serial No.: 09/479,511
For: METHODS AND APPARATUS FOR MOVING DATA ELEMENTS WITHIN
A DATA COMMUNICATIONS DEVICE
Filing Date: January 7, 2000
Examiner: Jaroenchonwanit, Bunjob
Art Unit: 2143
Conf. No.: 3139

Certificate of Express Mail Under 37 C.F.R. §1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail in an envelope addressed to: **MAIL STOP ISSUE FEE**, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on:

Date: November 8, 2004

By: Mary A. Maietta

(Typed or printed name of person mailing
Document, whose signature appears below)

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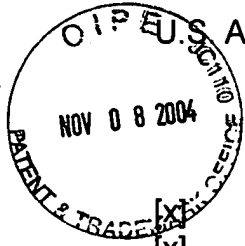
Signature: Mary A. Maietta

MAIL STOP ISSUE FEE
Commissioner for Patents
PO Box 1450, Alexandria
Virginia 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed is/are:



Application No.: 09/479,511

ATTORNEY DOCKET NO.: CIS99-1268

- 2 -

- ☒ Transmittal Letter (this form, 2 pages, in duplicate), Total Pages: 4;
- ☒ Part B – Issue Fee Transmittal (1 page, in duplicate), Total Pages: 2;
- ☒ Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- ☒ Authorization to charge Deposit Account No. 50-0901;
- ☒ Check in the amount of \$1370.00 to cover Issue Fee.

Applicant hereby petitions for any extension of time which is required to maintain the pendency of this case. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

David E. Huang, Esq.
Attorney for Applicant(s)
Registration No.: 39,229
CHAPIN & HUANG, L.L.C.
Westborough Office Park
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Westborough, Massachusetts 01581
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Attorney Docket No.: CIS99-1268

Dated: November 8, 2004